



Standards

Actions

DOE Technical Standards Projects Initiated

The following DOE Technical Standards projects were recently initiated. If you have any questions or are interested in participating in the development of these standards, please contact the persons listed below.

- *Establishing and Maintaining a Facility Representative Program at DOE Facilities*, Project Number MGMT-0003 (revision of DOE-STD-1063-97); David Compton, S-3.1, 202-586-1034, Fax 202-586-3472, David.Compton@hq.doe.gov.
- *Nuclear Explosive Safety Study Process*, Project Number SAFT-0074 (Revision of DOE-STD-3015-97); Helmut Filacchione, DP-21, 301-903-7519, Fax 301-903-8628, Helmut.Filacchione@hq.doe.gov.

Technical Standards Program Document Status as of 12/22/99

In Conversion	In Preparation	Out for Comment	Published in Past 30 Days
4	44	17	2

Total in process = 61

Subcontractors and the general public may obtain copies from the U.S. Department of Commerce, Technology Administration, National Technical Information Service, Springfield, Virginia 22161; telephone 703-605-6000 or Fax 703-605-6900.

Copies of DOE Technical Standards (i.e., DOE Standards, Specifications, Handbooks, and Technical Standards Lists) are also available on the Internet at the address shown at the bottom of this page. The "recently published" documents listed above were recently posted on the TSP Web Site.

Non-Government Standards

American National Standards Institute

The American National Standards Institute (ANSI) publishes coordination activities of non-Government

DOE Technical Standards Project Canceled

The following DOE Technical Standards project was recently canceled. If you have any questions about this action, please contact the persons listed below.

- *Criteria for Preparing and Packaging Plutonium Metals and Oxides for Long-Term Storage*, Project Number PACK-0013; Ray Cooperstein, DP-45, 301-903-5353, Raymond.Cooperstein@dp.doe.gov. This project was superseded by *Stabilization, Packaging, and Storage of Plutonium-Bearing Materials*, Project Number PACK-0011, which was recently completed and will be published as DOE-STD-3013-99.

DOE Documents Recently Published

The following DOE documents have recently been published:

- DOE-HDBK-1117-99, *Guide to Good Practices for Maintenance Supervisor Selection and Development*, October 1999. This document supersedes DOE-STD-1059-93, February 1993.
- DOE-HDBK-1118-99, *Guide to Good Practices for Continuing Training*, October 1999. This document supersedes DOE-STD-1060-93, February 1993.

DOE employees and DOE contractors may obtain copies from the ES&H Technical Information Services, U.S. Department of Energy; telephone 1-800-473-4375 or Fax 301-903-9823.

standards (NGS) biweekly in *ANSI Standards Action*. Recent electronic copies (no hardcopies are produced) are available on the ANSI Web site at http://web.ansi.org/rooms/room_14/. Electronic back copies are available to ANSI members only. For information on site membership, ask your local ANSI contact. For information on individual or group ANSI membership, call Susan Bose at 212-642-4948, e-mail sbose@ansi.org.

Hardcopy versions of published non-Government standards listed in this section may be obtained from Global Engineering Documents, 15 Inverness Way East, Englewood, Colorado, 80112, 800-854-7179, Fax 303-397-2740, global@ihs.com, <http://global.ihs.com>. Electronic delivery of selected documents is available through ANSI at <http://webstore.ansi.org>. Copies of the listed draft standards and the procedure for commenting on the same may be obtained by contacting the standards developing organization.

The following listings are extracted from *ANSI Standards Action* and are representative of NGS development activities that may be relevant to DOE operations. Refer to *ANSI Standards Action* for a more extensive listing of changes and new publications, standards developing organizations, and additional information about submitting comments. Additional information on ANSI activities and available non-Government standards can be found on the ANSI Web site, <http://www.ansi.org>, or through the National Standards System Network, <http://www.nssn.org>.



Visit the Technical Standards Program Web Site: <http://tis.eh.doe.gov/techstds/>

The following American National Standards are currently in coordination (comment due dates follow each entry):

- A250.4, *Test Procedure & Acceptance Criteria for Physical Endurance for Steel Doors, Frames, Frame Anchors and Hardware Reinforcings* (revision of ANSI A250.1-1994) - February 1, 2000.
- A250.11, *Recommended Erection Instructions for Steel Frames* (new standard) - February 1, 2000.
- AISI 1996CFSSPEC, *1996 Specification for the Design of Cold-Formed Steel Structural Members* (new standard) - February 1, 2000.
- API RP 578, *Positive Material Identification Program for New and Existing Piping Systems* (new standard) - February 15, 2000.
- API RP 579, *Fitness-for-Service-Piping Systems* (new standard) - February 15, 2000.
- ASHRAE 34n, *Number Designation and Safety Classification of Refrigerants (Addendum n)* (supplement to ANSI/ASHRAE 34-1992) - February 1, 2000.
- ASHRAE 62q, *Ventilation for Acceptable Indoor Air Quality, (Addenda q)* (supplement to ANSI/ASHRAE 62-1989) - February 1, 2000.
- ASHRAE 37.3P, *Method of Testing Propeller Fan Vibration - Diagnostic Test Methods* (new standard) - February 1, 2000.
- ASME AG-1a, *Code On Nuclear Air and Gas Treatment* (1997 edition) (supplement to ANSI/ASME AG-1-1994) - February 1, 2000.
- ASME B18.30.1M, *Metric Break Mandrel Open End Blind Rivets* (new standard) - February 15, 2000.
- AWS B5.9, *Specification for the Qualification of Welding Supervisor* (new standard) - February 1, 2000.
- B109.1, *Diaphragm Type Gas Displacement Meters (Under 500 Cubic Feet Per Hour Capacity)* (revision of ANSI B109.1-1992) - January 31, 2000.
- BHMA A156.26, *Continuous Hinges* (new standard) - February 15, 2000.
- CEMA 550, *Classification and Definitions of Bulk Materials* [revision of ANSI/CEMA 550-1970 (R1997)] - February 1, 2000.
- HI 9.6.4-2000, *Centrifugal and Vertical Pumps for Vibration Measurement and Allowable Values* (new standard) - February 15, 2000.
- ISA S92.0.01, Part I-1998, *Performance Requirements for Toxic Gas-Detection Instruments: Hydrogen Sulfide* (new standard) - February 15, 2000.
- ISA S92.03.01-1998, *Performance Requirements for Ammonia Detection Instruments (25 - 500 ppm)* (new standard) - February 15, 2000.
- NB 23-1998 (2000 Addendum), *National Board Inspection Code* [revision of ANSI/NB 23-1998 (1999 Addendum)] - February 15, 2000.
- NEMA FG-1-1998, *Binational Standard for Nonmetallic Cable Tray Systems* (new standard) - February 15, 2000.
- SIA CP-01-1999.04, *SIA Control Panel Standard - Features for False Alarm Reduction* (new standard) - February 15, 2000.
- UL 2000, *Standard for Safety for Stationary Engine Generator Assemblies* (new standard) - February 15, 2000.

The following American National Standards have been approved for publication: (Publication is to take place within six months following the date shown. Publication status and ordering information may be obtained from ANSI's Customer Service at 212-642-4900.)

- ANSI B74.23-1999, *Measuring the Relative Crystal Strengths of a Diamond Cubic Boron Nitride Grits* (new standard) - November 2, 1999.
- ANSI/ABMA/ISO 104-1997, *Roller Bearings - Thrust Bearings - Boundary Dimensions, General Plan* (new standard) - November 9, 1999.
- ANSI/API 685-1999, *Sealless Centrifugal Pumps for Petroleum, Heavy Duty Chemical and Gas Industry Services* (new standard) - November 5, 1999.
- ANSI/ARI 770-94, *Refrigerant Pressure Regulating Valves* (new standard) - November 11, 1999.
- ANSI/ASME CSD-1a-1999, *Controls and Safety Devices for Automatically Fired Boilers* (supplement to ANSI/ASME CSD-1-1998) - November 2, 1999.
- ANSI/AWS D18.2-1999, *Guide to Weld Discoloration Levels on Inside of Austenitic Stainless Steel Tube* (new standard) - November 5, 1999.
- ANSI/AWS F1.1-1999, *Method for Sampling Airborne Particulates Generated by Welding and Allied Processes* (revision of ANSI/AWS F1.1-92) - November 9, 1999.
- ANSI/AWS F4.1-1999, *Recommended Safe Practices for the Preparation for Welding and Cutting of Containers and Piping* (revision of ANSI/AWS F4.1-94) - November 9, 1999.
- ANSI/IEEE 1220-1998, *Application and Management of the Systems Engineering Process* (new standard) - November 16, 1999.
- ANSI/ISA S67.02.02-1999, *Nuclear Safety-Related Instrument Sensing Line Piping and Tubing Standards for Use in Nuclear Power Plants* [revision and redesignation of ANSI/ISA S67.01-1979 (R1987)] - November 11, 1999.
- ANSI/UL 44-1999, *Thermoset-Insulated Wires and Cables* (revision of ANSI/UL 44-1991) - November 2, 1999.

The following newly published American National Standards are available:

- ANSI A10.7-1998, *Construction and Demolition - Commercial Explosives and Blasting Agents - Safety Requirements for Transportation, Storage, Handling and Use.*
- ANSI A10.12-1998, *Safety Requirements for Excavation.*
- ANSI/AIAA G-003A-1996, *Guide to Reference and Standard Atmosphere Models.*
- ANSI/ANS 19.6.1-1997, *Reload Start-up Physics Tests for Pressurized Water Reactors.*
- ANSI/ANS 19.11-1997, *Calculation and Measurement of the Moderator Temperature Coefficient of Reactivity for Water Moderated Power Reactors.*
- ANSI/BHMA A156.24-1999, *Delayed Egress Locks.*
- ANSI C57.12-10-1998, *Transformers 230 kV and Below, 833/958 through 8333/10 417 kVA Single Phase, and 750/862 through 60 000/80 000/100 000 kVA Three Phase, Requirements for.*
- ANSI/CGA V-1-1994, *Compressed Gas Cylinder Valve Outlet and Inlet Connections.*

- ANSI/EIA 364-17B-1999, *Electric Connectors - Temperature Life With or Without Electrical Load Test Procedure for Electrical Connectors*.
- ANSI/ISA S82.02.04-1996, *Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-032: Particular Requirements for Hand-Held Current Clamps for Electrical Measurement and Test*.
- ANSI/ISA S84.01-1996, *Application of Safety Instrumented Systems for the Process Industries*.
- ANSI/SIA A92.6-1999, *Self-Propelled Elevating Work Platforms*.
- ANSI/NFPA 10-1998, *Portable Fire Extinguishers*.
- ANSI/NFPA 11-1998, *Low-Expansion Foam*.
- ANSI Z41-1999, *Personal Protection - Protective Footwear*.
- ANSI Z223.1-1999, *National Fuel Gas Code* (same as ANSI/NFPA 54).
- ASME A18.1-1999, *Safety Standard for Platform Lifts and Stairway Chairlifts*.
- ASME TDP-1-1998, *Recommended Practices for the Prevention of Water Damage to Steam Turbines Used for Electric Power Generation*.
- IEEE 1015-1997, *Recommended Practice for Applying Low-Voltage Circuit Breakers Used in Industrial and Commercial Power Systems* (Blue Book).

The following international standards are currently in coordination (comment due dates follow each entry):

- 14/346/FDIS, IEC 60076-5: *Power transformers - Part 5: Ability to withstand short circuit* - January 15, 2000.
- 45A/369/FDIS, Draft IEC 61468, Ed. 1: *Nuclear power plants - In-core instrumentation - Characteristics and test methods of self-powered neutron detectors* - January 15, 2000.
- 65A/293/FDIS, *Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 7: Overview of techniques and measures* - January 15, 2000.
- 95/87/FDIS, Draft IEC 60255-25, Ed. 1: *Electrical relays - Part 25: Electromagnetic emission tests for measuring relays and protection equipment* - January 15, 2000.
- ISO/DIS 15761, *Steel gate, globe, and check valves for sizes DN 100 and smaller, for petroleum and natural gas industries* - February 25, 2000.
- ISO/DIS 16200-1, *Workplace air quality - Sampling and analysis of volatile organic compounds by solvent desorption/gas chromatography - Part 1: Pumped sampling method* - February 11, 2000.
- prEN 81-3, *Safety rules for the construction and installation of lifts - Part 3: Electric and hydraulic service lifts* (for information).
- prEN 141 REVIEW, *Respiratory protective devices - Gas filters and combined filters - Requirements, testing, marking* (for information).
- prEN 583-4, *Non-destructive testing - Ultrasonic examination - Part 4: Examination for discontinuities perpendicular to the surface* - March 7, 2000.
- prEN 894-3, *Safety of machinery - Ergonomics requirements for the design of displays and control actuators - Part 3: Control actuators* (for information).

- prEN 12508, *Corrosion protection of metals and alloys - Surface treatment, metallic and other inorganic coatings - Vocabulary* (for information).
- prEN 12644-2, *Cranes - Safety - Requirements for inspection and use - Part 2: Marking* (for information).
- prEN 13087-6, *Protective helmets - Test methods - Part 6: Field of vision* (for information).
- prEN 13687-4, *Products and systems for the protection and repair of concrete structures - Test method - Determination of thermal compatibility - Part 4: Dry thermal cycling* - February 23, 2000.
- prEN 13709, *Industrial valves - Steel globe and globe stop and check valves* - February 29, 2000.
- prEN 13731, *Lifting bag systems for fire and rescue service use* - February 29, 2000.
- prEN 13736, *Machine tools - Safety - Pneumatic Presses* - March 7, 2000.
- prEN ISO 14744-1, *Welding - Acceptance inspection of electron beam welding machines - Part 1: Principles and acceptance conditions* (ISO/FDIS 14744-1:1999) (for information).

The following newly published international standards are available:

- ISO 1680:1999, *Acoustics - Test code for the measurement of airborne noise emitted by rotating electrical machines*.
- ISO 3007:1999, *Petroleum products and crude petroleum - Determination of vapour pressure - Reid method*.
- ISO 6743-4:1999, *Lubricants, industrial oils and related products (class L) - Classification - Part 4: Family H (Hydraulic systems)*.
- ISO 7148-1:1999, *Plain Bearings - Testing of the tribological behaviour of bearing materials - Part 1: Testing of bearing metals*.
- ISO 9488:1999, *Solar energy - Vocabulary*.
- ISO 11118:1999, *Gas cylinders - Non-refillable metallic gas cylinders - Specification and test methods*.
- ISO 12499:1999, *Industrial fans - Mechanical safety of fans - Guarding*.
- ISO 13349:1999, *Industrial fans - Vocabulary and definitions of categories*.
- ISO 13406-1:1999, *Ergonomic requirements for work with visual displays based on flat panels - Part 1: Introduction*.
- ISO 13880:1999, *Petroleum and natural gas industries - Content and drafting of a technical specification*.
- ISO 15366:1999, *Nuclear energy - Chemical separation and purification of uranium and plutonium in nitric acid solutions for isotopic and dilution analysis by solvent chromatography*.
- ISO/TR 18455:1999, *Petroleum products - Calculation of specific energy of residual fuels from physical and compositional properties - Basic data*.

American National Standards Projects Initiated

The following is a list of proposed new American National Standards or revisions to existing American National Standards submitted to ANSI by accredited standards developers. DOE employees or contractors interested in participating in these activities

should contact the appropriate standards developing organization. DOE-TSL-4 lists the DOE representatives on NGS committees. If no DOE representative is listed, contact the TSPO for information on participating in NGS activities.

American Society for Testing and Materials

Office: 100 Barr Harbor Drive
West Conshohocken, PA 19428

Fax: 610-832-9666

Contact: Tim Brooke, tbrooke@astm.org

- ASTM Z8094Z, *Test Method for Evaluation to Crimped Electrical Connections to 16 Gauge and Smaller Diameter Stranded and Solid Conductors* (new standard).

Contact: Leonard F. Morrissey, lmorris@astm.org

- ASTM Z2659Z, *Guide for Part Stream Sampling of Coal* (new standard).
- ASTM Z7994Z, *Practice for Manual Sampling of Coal From Stock-piles* (new standard).

Contact: Robyn Zelno, rzelno@astm.org

- ASTM Z7714Z, *Specification for Multi-Cable Penetrators* (new standard).

Factory Mutual Research Corporation

Office: 1151 Boston-Providence Turnpike
Norwood, MA 02062

Fax: 781-782-9375

Contact: Martha McHatton, martha.mchatton@factory-mutual.com

- FMRC FM 3260, *Radiant Energy-Sensing Fire Detectors for Automatic Fire Alarm Signaling* (new standard).
- FMRC FM 5420, *Carbon Dioxide Automatic Fire Extinguishing Systems* (new standard).

Insulated Steel Door Institute

Office: 30200 Detroit Road
Cleveland, Ohio 44135

Fax: 216-892-1404

Contact: Linda Hamill, leh@wherryassoc.com

- A250.1, *Test Procedure and Acceptance Criteria for Thermal Performance of Insulated Steel Door Systems* (new standard).

National Fire Protection Association

Office: One Batterymarch Park
Quincy, MA 02269-9101

Fax: 617-770-3500

Contact: Arthur E. Cote, acotet@nfpa.org

- NFPA UMC, *Uniform Mechanical Code* (new standard).
- NFPA UPC, *Uniform Plumbing Code* (new standard).

American Society for Testing and Materials

Standards activities of the American Society for Testing and Materials (ASTM) are published monthly in *ASTM Standardization News*. Orders for subscriptions or single copies of *ASTM Standardization News* may be submitted to ASTM, Subscription Dept.-SN, 100 Barr Harbor Drive, West Conshohocken, Pennsylvania 19428-2959. For information regarding ASTM membership, contact the Membership Services Department at 610-832-9691 (Fax 610-832-9667). ASTM publications may be ordered from the ASTM Customer Services Department at 610-832-9585 (Fax 610-832-9555). Comments on listed draft standards may be submitted by contacting the ASTM Standards Coordination Department at the above address. Questions may be addressed to the Technical Committee Operations Division at 610-832-9672 (Fax 610-832-9666). Additional information on ASTM activities is available on the ASTM Web site (<http://www.astm.org>). The following listings are extracted from *ASTM Standardization News* and are representative of

NGS development activities that may be relevant to DOE operations.

The following ASTM standards are currently in coordination: (the due date for all items is January 10, 2000).

- New Standard, *Guide for Design, Fabrication, and Installation of Nuclear Fuel Dissolution Facilities* [Formerly C 1062-86(1990)].
- New Standard, *Practice for Chemical Protective Clothing Care and Maintenance Instructions* (Ref. Z1840Z).
- New Standard, *Test Method for Consolidated Undrained Direct Simple Shear Testing of Cohesive Soils* (Ref. Z4305Z).
- New Standard, *Test Methods for the Determination of Uranium by Ignition and the Oxygen to Uranium (O/U) Atomic Ratio of Nuclear Grade Uranium Dioxide Powders and Pellets* (Ref. Z5958Z).
- New Standard, *Practice for Dosimetry for a Self-Contained Dry Source Irradiator* (Ref. Z6807Z).
- New Standard, *Test Method for Benzene, Toluene, Xylene, (BTX) Concentrates Analysis by Capillary Column Gas Chromatography* (Ref. Z7008Z).
- New Standard, *Specification for Shielded Transition Couplings for Use with Dissimilar DWV Pipe and Fittings Above Ground* (Ref. Z7048Z).
- New Standard, *Guide for Pyrophoricity/Combustibility Testing in Support of Pyrophoricity Analyses of Metallic Uranium Spent Nuclear Fuel* (Ref. Z7058Z).
- New Standard, *Practice for Specifying Rock to Fill Gabions, Revet Mattresses, and Gabion Mattresses* (Ref. Z7147Z).
- New Standard, *Guide for Nondestructive Assay of Special Nuclear Material Holdup Using Gamma-Ray Spectroscopic Methods* (Ref. Z7277Z).
- New Standard, *Guide for Documenting the Results of Particle Penetration Testing of Protective Clothing Materials* (Ref. Z7294Z).
- New Standard, *Guide for Field Preservation of Ground-Water Samples* (Ref. Z7328Z).
- New Standard, *Test Method for Determining Dispersive Characteristics of Clayey Soils by the Crumb Test* (Ref. Z7363Z).
- New Standard, *Guide for Statistical Analysis of Service Life Data* (Ref. Z7369Z).
- New Standard, *Test Method for Determination of Total Hydrogen Content of Uranium Oxide Powders and Pellets by Carrier Gas Extraction* (Ref. Z7622Z).
- New Standard, *Practice for Sampling of Soil Using the Hydraulically Operated Stationary Piston Sampler* (Ref. Z7872Z).
- New Standard, *Specification for Mechanical Couplings Using Thermoplastic Elastomeric (TPE) Gaskets for Joining Drain, Waste and Vent (DWV), Sewer, Sanitary and Storm Plumbing Systems for Above and Below Ground Systems* (Ref. Z7877Z).
- New Standard, *Specification for Uranium Metal Enriched to More Than 15% and Less Than 20% ²³⁵U* (Ref. Z7907Z).
- New Standard, *Practice for Dissolving Glass Containing Radioactive and Mixed Waste for Chemical and Radiochemical Analysis* (Ref. Z7912Z).
- New Standard, *Practice for Reporting Slip Resistance Test Results* (Ref. Z7914Z).

- New Standard, *Practice for Application and Analysis of Nuclear Research Emulsions for Fast Neutron Dosimetry* (Ref. Z8035Z).
- New Standard, *Test Method for Non-Destructive Assay of Plutonium, Tritium and 241AM by Calorimetric Assay* (Ref. Z8042Z).
- D 1280-89(1995) (Includes change to title), *Test Method of Total Immersion Corrosion Test for Soak Tank Metal Cleaners* (revised standard).
- D 6475, *Test Method for Measuring Mass Per Unit Area of Erosion Control Blankets* (new standard).
- F 1494-99, *Terminology Relating to Protective Clothing* (revised standard).
- F 1646-98, *Terminology Relating to Safety and Traction for Footwear* (revised standard).

The following newly published standards are available from ASTM:

- C 172-99, *Practice for Sampling Freshly Mixed Concrete* (revised standard).
- C 219-99a, *Terminology Relating to Hydraulic Cement* (revised standard).
- C 403/C 403M-99, *Test Method for Time of Setting of Concrete Mixtures by Penetration Resistance* (revised standard).
- C 494-99, *Specification for Chemical Admixtures for Concrete* (revised standard).
- C 1207-97, *Test Method for Nondestructive Assay of Plutonium in Scrap and Waste by Passive Neutron Coincidence Counting* (revised standard).
- C 1428-99, *Test Method for Isotopic Analysis of Uranium Hexafluoride by Single-Standard Gas Source Multiple-Collector Mass Spectrometer Method* (new standard).
- C 1429-99, *Test Method for Isotopic Analysis of Uranium Hexafluoride by Double-Standard, Multi-Collector Gas Mass Spectrometer* (new standard).
- C 1436-99, *Specification for Materials for Shotcrete* (new standard).
- C 1438-99, *Specification for Latex and Powder Polymer Modifiers for Hydraulic Cement Concrete and Mortar* (new standard).
- C 1439-99, *Test Methods for Polymer-Modified Mortar and Concrete* (new standard).
- C 1441-99, *Test Method for the Analysis of Refrigerant 114, Plus Other Carbon-Containing and Fluorine-Containing Compounds in Uranium Hexafluoride Via Fourier-Transform Infrared (FTIR) Spectroscopy* (new standard).
- C 2029-97, *Test Methods for Water Vapor Content of Electrical Insulating Gases by Measurement of Dew Point* (revised standard).
- D 3105-99, *Index of Methods for Testing Elastomeric and Plastomeric Roofing and Waterproofing Materials* (revised standard).
- D 4227-99, *Practice for Qualification of Coating Applications for Application of Coatings to Concrete Surfaces* (revised standard).
- D 5335-99, *Test Method for Linear Coefficient of Thermal Expansion of Rock Using Bonded Electric Resistance Strain Gages* (revised standard).
- D 5960-97, *Specification for Technical Grade Ethylene Dichloride* (revised standard).

- D 6391-99, *Test Method for Field Measurement of Hydraulic Conductivity Limits of Porous Materials Using Two Stages of Infiltration from a Borehole* (new standard).
- D 6434-99, *Guide for the Selection of Test Methods for Flexible Polypropylene (FPP) Geomembranes* (new standard).
- D 6436-99, *Guide for Reporting Properties for Plastics and Thermoplastic Elastomers* (new standard).
- D 6448-99, *Specification for Industrial Burner Fuels From Used Lubricating Oils* (new standard).
- D 6450-99, *Test Method for Flash Point by Continuously Closed Cup (CCCFP) Tester* (new standard).
- D 6452-99, *Guide for Purging, Methods for Wells Used for Ground-Water Quality Investigations* (new standard).
- E 691-99, *Practice for Conducting an Interlaboratory Study to Determine the Precision of a Test Method* (revised standard).
- E 1012-99, *Practice for Verification of Specimen Alignment Under Tensile Loading* (revised standard).
- E 1205-99, *Practice for Use of a Ceric-Cerous Sulfate Dosimetry System* (revised standard).
- E 1290-99, *Test Method for Crack-Tip Opening Displacement (CTOD) Fracture Toughness Measurement* (revised standard).
- E 2012-99, *Guide for Preparation of Binary Chemical Compatibility Chart* (new standard).
- E 2019-99, *Test Method for Minimum Ignition Energy of a Dust Cloud in Air* (new standard).
- E 2026-99, *Guide for Estimation of Building Damageability in Earthquakes* (new standard).
- E 2032-99, *Guide for Extension of Data From Fire Endurance Tests* (new standard).
- E 2033-99, *Practice for Computed Radiology Photostimulable Luminescence Method* (new standard).
- G 64-99, *Classification of Resistance to Stress-Corrosion Cracking of Heat-Treatable Aluminum Alloys* (revised standard).

Comments, Questions, and Addresses

Comments: If you have any questions or comments, please contact Rick Serbu, EH-31, Manager, DOE Technical Standards Program Office (TSPO), 301-903-2856, Fax 301-903-6172, e-mail Richard.Serbu@eh.doe.gov.

Addresses: *Standards Actions* and *The Standards Forum* are now being published electronically and will be available only via your access to the TSP Web Site (<http://tis.eh.doe.gov/techstds/>). However, we would like to maintain both our e-mail and surface mail distribution lists so that we can send you special notices concerning technical standards and the DOE Technical Standards Program. Although we may currently have your surface mail address, we have e-mail addresses for only a few of you. We are requesting that those of you who are interested in receiving special notices please contact Marty Marchbanks, ORNL, 865-241-3658, Fax 865-574-0382, mmf@ornl.gov, and give him your updated e-mail and surface mail addresses.

Technical Standards Activities: The TSPO would like to be kept informed of the status of technical standards that are being prepared or coordinated for DOE. Please provide this information to the TSPO at 865-574-7886, e-mail lj8@ornl.gov.